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SEQUENCE LISTING

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<120> Nucleic Acid Enzyme for RNA Cleavage

<130> 258/235

<140> US 09/699,667

<141> 2001-10-30

<150> CA 2,230,203

<151> 1998-04-29

<150> PCT/CA99/00391

<151> 1999-04-29

<160> 60

<170> PatentIn Ver. 2.0

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<211> 11

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sequence comprised of ribonucleotides or a
combination of ribonucleotides and
deoxyribonucleotides

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<222> (1) ... (11)

<223> n is a or g or c or t/u, unknown, or other

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combination of ribonucleotides and
deoxyribonucleotides

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<223> n is a or g or c or t/u, unknown, or other

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deoxyribonucleotides

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<223> n is a or g or c or t/u, unknown, or other

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 gggcgggucg g 11

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<400> 12
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<210> 18
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<210> 21

<211> 11

<212> RNA

<213> Artificial Sequence

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<210> 22

<211> 11

<212> RNA

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<210> 23

<211> 11

<212> RNA

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11

<210> 24

<211> 11

<212> RNA

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<400> 25
ggagggcggg ucgg 14

<210> 26
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<210> 27
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sequence

<400> 27
ggacggcggg ucgg 14

<210> 28
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<400> 28
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<210> 29
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sequence

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<210> 30
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<220>
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sequence

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<210> 31
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<210> 32
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sequence

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<210> 33
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<220>
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14

<210> 34
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<213> Artificial Sequence

<220>
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<400> 34
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14

<210> 35
<211> 14
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<220>
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14

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<220>
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<210> 38
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<400> 38
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<400> 39
 ggagccaggg ucgg 14

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<220>
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<400> 40
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<210> 41
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: DNA PCR
 primer

<400> 41
 ccggatccct cgggctcggg cg 22

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<210> 42
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA PCR
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<400> 42
ccaagcttcg aagaggaaag aag

23

<210> 43
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<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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cagucuccuc uuuacagaaa auguaagagu acugaggacu gccgccucua gccgagauga 120
gccgguccga gucgaggaag aaccgcgag ggagagaaga gaucucgag cagugggug 180
ccggaagaaa gaaguagag gaacucgaga gagaccuccg gaagacaaaag aagaaacuca 240
agaagauaga ggacgaaaau ccugggcug ggaacaucaa aggaauucuc ggaaagaagg 300
auaaggauag agagggggcu ccccccgcga agagggccccg aacggaccag auggagguag 360
acuccggacc ucggaagagg ccucucaggg gaggauucac cgacaaggag aggcaggauc 420
ccgacgaagg aaggcccucg agaacaagaa gaagcagcua ucggcgagg gcaagaaccu 480
cagcaaggag gaagaagagg aacucaggag guugaccgag gaagacgaga gaagggaaag 540
aagaguagcc ggcccgcgg uugggggugu gaacccccuc gaagguggau cgaggggagc 600
gcccgggggc ggcuucgucc ccaaucugca gggagucccg gaguccccu ucucucggac 660
cggggagggg cuggacauca ggggaaacca gggauuucca uaggauauac ucuucccagc 720
cgauccgcc uuuucuccc agaguugucg accccaguga auaaagcggg uuuccacuca 780
cagguuugcg ucucgcgucc uucuuuccuc uuc 813

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<220>

<223> Description of Artificial Sequence: synthetic RNA
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57

<210> 45
<211> 57
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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ggguccaccu ccucgcggucc ccagcuggggc augcggcuuc gcauggcuaa gggaccc 57

<210> 46

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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ggguccaccu ccucgcggucc cgaccuggggc augccuucgg gcauggcuaa gggaccc 57

<210> 47

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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<211> 57

<212> RNA

<213> Artificial Sequence

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<210> 49

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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<220>
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<220>
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<210> 53
 <211> 37
 <212> RNA
 <213> Artificial Sequence

<220>
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<210> 54
 <211> 18

<212> DNA
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<220>

<223> Description of Artificial Sequence: synthetic
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 a combination of both ribonucleotides and
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 <212> DNA
 <213> Artificial

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<223> RNA/DNA sequence

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<210> 56
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 <212> DNA
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<220>

<223> DNA PCR primers

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<220>

<223> Synthetic RNA sequence

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10

<210> 58
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<220>

<223> Synthetic RNA sequence

<400> 58

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20

<210> 59

<211> 57

<212> RNA

<213> Artificial

<220>

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ggguccaccu ccucgcgug ggauaugggc augcggcuuc gcauggcuaa gggaccc

57

<210> 60

<211> 11

<212> RNA

<213> Artificial

<220>

<223> Synthetic RNA sequence

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